CRAFT DIMENSIONS

This document gives current maximum craft dimensions for all waterways managed by British Waterways. Each waterway is listed in alphabetical order – note that River navigations are indexed by the river name.

Throughout this document, metric dimensions are given in normal type first, followed buy their imperial equivalents in italics.

For each waterway, the maximum craft dimension that can be *readily* navigated, irrespective of the shape of the craft and without taking special precautions (such as lifting bow and/or stern fenders or ensuring that the stern of the boat is held tightly against the cill whilst opening the bottom gate) is given. However, for craft at or approaching the maximum width, it will always be necessary to ensure that no debris is present in locks which may become wedged between the boat and the lock wall, and that the gate(s) are capable of fully opening.

If this is not the maximum craft size that the canal is designed or able to pass, then the largest dimension is also shown in brackets. Users of such craft will need **to consult the appropriate Waterway Office** and bear in mind that passage of craft of this size will depend on the shape of the craft (eg not square stern or slab-sided) and that extra care and skill will be needed, especially when using the locks, but also that the channel and bridges may also give little clearance. It is possible that some even slightly larger craft may be able to get through, but such passage is not at all certain and it will be necessary to proceed with extreme caution and be prepared to return if passage is found not to be possible.

In some instances, the dimensions quoted are less than the original design criteria for the waterway due to movement of structures and, in some cases, deliberate or inadvertent rebuilding to smaller dimensions. It is recognised that, as these “pinch points” are eliminated through future maintenance work, then the craft dimensions will be reviewed accordingly.

In this issue, limiting headroom (or air draught as it is sometimes known) has not been thoroughly researched, and the dimensions quoted should only be regarded as a rough guide at this stage. Headroom is limited by the lowest bridge, or, more generally, a compound shape provided by the lowest arched bridge and the lowest flat bridge. For river navigations, headroom is given at normal summer water levels. **If in doubt, seek further advice from the appropriate Waterway Office**.

Maximum draught is not generally given in this issue of the document except for the larger (commercial) waterways or where the Waterway Office has specifically provided a figure. The depth of water available depends on many factors, but principally the cill depth of the locks and the waterway profile. Following extensive consultation with User Groups, British Waterways have published a list of minimum channel dimensions which they aim to maintain. However, despite an accelerated dredging programme in recent years, it is acknowledged that some 35% of waterways do not yet meet the published minimum profile. Current plans are for this backlog to be reduced to 10% by the year 2005.

In the mean time, deeper draught craft may have some difficulty in navigating waterways which do not yet meet the standard. As a general rule, for the main connected waterway system in England and Wales, craft up to about 0.75m (*2ft 6ins*) draught should experience little difficulty. Craft up to about 0.9m (*3ft*) draught should normally be able to navigate all routes but may find the channel restricted or hit occasional obstructions. Deeper craft may experience considerable difficulty on

some waterways. Obviously, craft which are level in the water will have more difficulty than those which are deep only towards the stern. If in doubt, the Waterway Offices will be able to advise as to which lengths of their waterway do not meet the standard.

When the standard has been fully implemented, it would be expected that craft up to about 1m (*3ft 3ins*) draught should generally be able to navigate with little difficulty, and up to about 1.05m (*3ft 6ins*) with care, on the shallower waterways.

The main River Navigations and the wide canals in the North East and Scotland can accommodate deeper draught craft.

Boats using coast to coast canals for transit purposes (this applies particularly in Scotland) should note that draught figures quoted are for fresh water, and at least 10cm (*4ins*), should be added to salt water draught to allow for the rduced buoyancy.

IF YOUR CRAFT IS CLOSE TO OR EXCEEDS THE MAXIMUM CRAFT DIMENSIONS, PLEASE CONTACT THE APPROPRIATE WATERWAY OFFICE(S) FOR MORE DETAILED ADVICE BEFORE STARTING YOUR JOURNEY.

THESE DIMENSIONS WILL BE PUBLISHED ON THE BW WEBSITE AND WILL BE INCORPORATED IN REPRINTS OF INDIVIDUAL BW WATERWAY GUIDES.

AIRE & CALDER NAVIGATION

Goole to tail of Leeds Lock

Length	Beam	Draught	Headroom
61m	6.1m	2.5m	3.6m
200ft	*20ft*	*8ft 2ins*	*11ft 9ins*

Tail of Leeds Lock to tail of River Lock

Length	Beam	Draught	Headroom
43m	5.4m	2.3m	3.6m
141ft	*17ft 9ins*	*7ft 7ins*	*11ft 9ins*

Wakefield Branch

Length	Beam	Draught	Headroom
43m	5.4m	2.3m	3.88m
141ft	*17ft 9ins*	*7ft 7ins*	*12ft 10ins*

River Aire & Selby Canal

Length	Beam	Draught	Headroom
23.92m	5.03m	1.22m	3.0m
78ft 6ins	*16ft 6ins*	*4ft*	*9ft 10ins*

From River Ouse into Selby Basin only

Length	Beam	Draught	Headroom
23.92m	5.49m	Max 2m, depending on tide	
78ft 6ins	*18ft*	*Max 6ft 6ins*	

ASHBY CANAL

Length	Beam	Draught	Headroom
21.95m	2.13m		1.98m
72ft	*7ft*		*6ft 6ins*

ASHTON CANAL

Length	Beam	Draught	Headroom
21.79m	2.13m	1.0m	1.96m
71ft 6ins	*7ft*	*3ft 3ins*	*6ft 5ins*

Note: Boats over 0.9m (*3ft*) draught should seek assistance from the Waterway Office, as the cill depth at Lock 9 gives only minimal clearance.

BIRMINGHAM CANAL NAVIGATIONS (incl Birmingham & Fazeley Canal)

Length	Beam	Draught	Headroom
21.34m (21.79m)	2.13m		1.98m
70ft (71ft 6ins)	*7ft*		*6ft 6ins*

Note: Headroom on Birmingham & Fazeley Canal limited to 1.91m (*6ft 3ins*) at Caters Bridge. Headroom through Dudley Tunnel is considerably restricted, contact Waterway Office for further information.

BRIDGWATER & TAUNTON CANAL

Length	Beam	Draught	Headroom
15.80m	4.14m		2.15m
51ft 10ins	*13ft 7ins*		*7ft 1in*

Note: Locks are 4.42m (*14ft 6ins*) wide; beam is restricted by bridges.

CALDER & HEBBLE NAVIGATION

Length	Beam	Draught	Headroom
16.76m (17.5m)	4.32m	1.07m	2.85m
55ft (57ft 5ins)	*14ft 2ins*	*3ft 6ins*	*9ft 4ins*

Note 1: There is currently a temporary restriction of maximum beam at Ganny Lock of 4.24m (13ft 11ins) which will be removed from Easter 2004.

Note 2: Locks from Wakefield to Broadcut were lengthened to 36.5m (*120ft*) but the extra set of gates are no longer operable.

CALEDONIAN CANAL

From the Sea into Corpach Basin only

Length	Beam	Draught	Headroom
61.87m	10.67m	4.11m	Unlimited
203ft	*35ft*	*13ft 6ins*	

Corpach to Inverness

Length	Beam	Draught	Headroom
45.72m	10.67m	4.11m	35m
150ft	*35ft*	*13ft 6ins*	*114ft 8ins*

Note: Headroom at Kessock Bridge, Inverness (on tideway beyond canal) is 27.33m (*89ft 8ins*)

CHESTERFIELD CANAL

River Trent into West Stockwith Basin only

Length	Beam	Draught	Headroom
21.95m	5.33m	2.44m	unlimited
72ft	*17ft 6in*	*8ft*	

West Stockwith Basin to tail of Morse Lock

Length	Beam	Draught	Headroom
21.95m	2.13m		2.15m
72ft	*7ft*		*7ft 1in*

Note: Locks up to Retford are 4.57m (*15ft*) wide but navigation for broad beam craft is restricted due to the width 2.59m (*8ft 6in*) at Manor Farm Bridge, Walkeringham.

Tail of Morse Lock to Shireoaks

Length	Beam	Draught	Headroom
21.95m	2.08m		2.15m
72ft	*6ft 10ins*		*7ft 1in*

Note: Some locks are only just 2.13m (*7ft*) wide and passage for some craft up to 7ft beam may be possible.

COVENTRY CANAL

Length	Beam	Draught	Headroom
21.95m	2.13m		1.98m
72ft	*7ft*		*6ft 6ins*

CRINAN CANAL

From the Sea into Crinan and Ardrishaig Basins only

Length	Beam	Draught	Headroom
32m	7.62m		Unlimited
105ft	*25ft*		

Crinan to Ardrishaig

Length	Beam	Draught	Headroom
26.82m	6.10m		28.5m
88ft	*20ft*		*95ft*

Note: The width available depends on water levels and draught of craft. For further details contact the Waterway Office.

EREWASH CANAL

Length	Beam	Draught	Headroom
21.95m	3.2m		2.23m
72ft	*10ft 6ins*		*7ft 4ins*

Note 1: Beam is limited by low arched bridges; wider beam up to about 13ft may be possible depending on the headroom required.

Note 2: Locks are more than 4.27m (*14ft*) wide and will therefore take 2 narrowboats.

FORTH & CLYDE CANAL

From the Sea into Bowling Basin only

Length	Beam	Draught	Headroom
26m	6.4m	2.6m	unlimited
85ft 3ins	*21ft*	*8ft 6ins*	

Bowling Basin to Grangemouth

Length	Beam	Draught	Headroom
20.88m	6m	1.83m	3m
68ft 6ins	*19ft 8ins*	*6ft*	*9ft 10ins*

Note: Further advice should be sought from the Waterway Office for craft approaching any of the limiting dimensions.

FOSSDYKE NAVIGATION

Length	Beam	Draught	Headroom
22.86m	4.65m	1.52m	3.5m
75ft	*15ft 3ins*	*5ft*	*11ft 6ins*

GLASGOW & EDINBURGH UNION CANAL

Length	Beam	Draught	Headroom
21.33m	3.81m	1.06m	2.74m
70ft	*12ft 6ins*	*3ft 6ins*	*9ft*

Note: The available depth through the Golden Jubilee Lock into the Falkirk Wheel basin is 1.5m (*4ft 11ins*).

GLOUCESTER & SHARPNESS CANAL

River Severn into Sharpness Docks only

Length	Beam	Draught	Headroom
91.44m	16.76m		
300ft	*55ft*		

Sharpness Docks to Gloucester Docks

Length	Beam	Draught	Headroom
73.15m	9.14m	3.04m	32m
240ft	*30ft*	*10ft*	*105ft*

Gloucester Docks to River Severn through Gloucester Lock

Length	Beam	Draught	Headroom
41.15m	6.4m	1.83m	7.5m
135ft	*21ft*	*6ft*	*24ft 6ins*

GRAND UNION CANAL

River Thames into Limehouse Basin only

Length	Beam	Draught	Headroom
28m	7.5m		
91ft	*24ft*		

Regents Canal

Length	Beam	Draught	Headroom
21.95m (23.16m)	4.27m (4.40m)		2.79m
72ft (76ft)	*14ft (14ft 5in)*		*9ft 2ins*

Hertford Union Canal

Length	Beam	Draught	Headroom
21.95m (23.16m)	4.27m (4.40m)		2.59m
72ft (76ft)	*14ft (14ft 5in)*		*8ft 6ins*

River Thames into Brentford Basin only

Length	Beam	Draught	Headroom
22.87m (25.4m)	5.02m (5.66m)		
75ft (83ft 4ins)	*16ft 5ins (18ft 6ins)*		

Note: Duplicated locks; one lock is larger than the other.

Brentford Basin to Berkhamsted

Length	Beam	Draught	Headroom
21.95m (23.16m)	4.27m (4.34m)		2.49m
72ft (76ft)	*14ft (14ft 3in)*		*8ft 2ins*

Berkhamsted to Braunston

Length	Beam	Draught	Headroom
21.95m (23.16m)	3.81m (4.16m)		2.38m
72ft (76ft)	*12ft 6ins (13ft 8ins)*		*7ft 10ins*

Note 1: Craft up to 4.34m (*14ft 3ins*) beam may be able to navigate this section, but some bridges (or former bridges) are restricted in width below water level.

Note 2: Locks are at least 4.34m (*14ft 3ins*) wide so 2 narrowboats can safely share.

Note 3: Boats over 2.13m (*7ft*) beam ***must*** make special arrangements for passage of Blisworth and Braunston tunnels. Contact the relevant Waterway Office for details.

Braunston to head of Camp Hill Top Lock

Length	Beam	Draught	Headroom
21.95m (23.77m)	3.81m		1.98m
72ft (78ft)	*12ft 6ins*		*6ft 6ins*

Note 1: Boats up to 4.27m (*14ft*) beam may be able to navigate this section, but some bridges have low arches and may not be passable, depending on cabin profile.

Note 2: Locks are more than 4.27m (*14ft*) wide so 2 narrowboats can safely share.

Head of Camp Hill Top Lock to Salford Junction and Digbeth

Length	Beam	Draught	Headroom
21.95m	2.13m		2.29m
72ft	*7ft*		*7ft 6ins*

Norton Junction to Foxton Junction (including Welford Arm)

Length	Beam	Draught	Headroom
21.95m	2.13m		2.52m
72ft	*7ft*		*8ft 3ins*

Note: Occasionally craft of 2.13m (*7ft*) beam may experience difficulty in Foxton Locks.

Market Harborough Arm

Length	Beam	Draught	Headroom
21.95m	3.6m		2.05m
72ft	*11ft 9ins*		*6ft 9ins*

Foxton Junction to the River Trent

Length	Beam	Draught	Headroom
21.95m	4.27m		2.13m
72ft	*14ft*		*7ft*

Note 1: Headroom is more limited for boats more than about 3.2m (*10ft 6ins*) beam, and especially so approaching the maximum beam. It will be necessary for such boats to proceed with extreme caution.

Note 2: The channel width is restricted in some places on the canal section (Foxton to Leicester) and broad beam boats may have difficulty passing other boats.

River Soar from Leicester to the River Trent

Length	Beam	Draught	Headroom
21.95m	4.27m		2.13m
72ft	*14ft*		*7ft*

Note: Headroom is especially limited for boats approaching the maximum beam, and will need to proceed with extreme caution.

Slough Arm

Length	Beam	Draught	Headroom
21.95m (23.16m)	4.27m (4.34m)		2.58m
72ft (76ft)	*14ft (14ft 3in)*		*8ft 5ins*

Note: The channel is currently only dredged to narrow canal profile, therefore broad beam craft will have difficulty passing other craft.

Wendover Arm

Length	Beam	Draught	Headroom
21.95m	2.13m		
72ft	*7ft*		

Note: Wendover Arm is being restored as a broad waterway; awaiting confirmation of maximum beam.

Aylesbury Arm

Length	Beam	Draught	Headroom
21.95m	2.13m		2.54m
72ft	*7ft*		*8ft 4ins*

Note: Slightly wider beam may be possible; awaiting confirmation from Waterway Office.

Northampton Arm

Length	Beam	Draught	Headroom
21.95m	2.13m		2.28m
72ft	*7ft*		*8ft 5ins*

HUDDERSFIELD BROAD CANAL

Length	Beam	Draught	Headroom
15.52m	4.32m		2.89m
57ft 6ins	*14ft 2ins*		*9ft 6ins*

HUDDERSFIELD NARROW CANAL

Length	Beam	Draught	Headroom
21.95m	2.08m	1.05m	1.88m
72ft	*6ft 10ins*	*3ft 6ins*	*6ft 2ins*

Note: Many craft over 2.08m (*6ft 10ins*) beam are currently experiencing problems in some locks between Uppermill and Slaithwaite which were restored prior to the millennium restoration.

HULL MARINA

Length	Beam	Draught	Headroom
39.6m	9m	3m	Unlimited
130ft	*29ft 6ins*	*9ft 10ins*	

KENNET & AVON CANAL

Reading to Newbury (River Kennet section)

Length	Beam	Draught	Headroom
21.34m	4.27m		
70ft	*14ft*		
or:			
21.95m	2.13m		
72ft	*7ft*		

Note: Narrowboats over 21.34m (*70ft*) long can only pass through Burghfield and Sulhamstead locks diagonally and should not share with other boats. These locks are to be rebuilt in the short term to admit boats up to 21.95m (*72ft*) x 4.27m (*14ft*)

Newbury to Bath (Canal section)

Length	Beam	Draught	Headroom
21.34m	4.12m		2.4m
70ft	*13ft 6ins*		*8ft*
or:			
21.95m	2.13m		
72ft	*7ft*		

Note: The chambers of most locks are at least 4.27m (*14ft*) wide and can therefore accommodate two narrowboats, but in some instances the gates do not open fully; also a few in Caen Hill flight are slightly narrow and the lock keeper will advise where

this is a problem. Crofton Lock 61 is short and narrowboats over 21.34m (*70ft*) long may not be able to share with other boats.

Bath to tail of Hanham Lock (River Avon section)

Length	Beam	Draught	Headroom
22.86m	4.88m		2.67m
75ft	*16ft*		*8ft 9ins*

LANCASTER CANAL

Main Line & Glasson Branch

Length	Beam	Draught	Headroom
21.34m (21.95m)	4.27m (4.42m)		2.57m
70ft (72ft)	*14ft (14ft 6ins)*		*7ft 5ins*

From the sea into Glasson Basin only

Length	Beam	Draught	Headroom
26.52m	7.62m	4.27m	Unlimited
87ft	*25ft*	*14ft*	

RIVER LEE

River Thames to tail of Old Ford Locks

Length	Beam	Draught	Headroom
26.82m	5.79m		2.05m
88ft	*19ft*		*6ft 9ins*

Tail of Old Ford Locks to Ponders End

Length	Beam	Draught	Headroom
26.82m	5.49m		2.05m
88ft	*18ft*		*6ft 9ins*

Ponders End to Hertford

Length	Beam	Draught	Headroom
25.9m	4.8m		2.05m
85ft	*15ft 9ins*		*6ft 9ins*

LEEDS & LIVERPOOL CANAL

Liverpool to Wigan (junction with Leigh Branch)

Length	Beam	Draught	Headroom
21.94m	4.34m		2.44m
72ft	*14ft 3ins*		*8ft*

Wigan to Leeds

Length	Beam	Draught	Headroom
18.9m	4.34m		2.44m
62ft	*14ft 3ins*		*8ft*

Leigh Branch

Length	Beam	Draught	Headroom
21.94m	4.34m		2.44m
72ft	*14ft 3ins*		*8ft*

Rufford Branch

Length	Beam	Draught	Headroom
18.9m	4.34m		2.44m
62ft	*14ft 3ins*		*8ft*

LONDON DOCKLANDS (West India Dock)

Length	Beam	Draught	Headroom
178m	24.4m	9m	Unlimited
584ft	*80ft*	*29ft 6ins*	

Note: Maximum draught is subject to dock and/or tide levels.

MACCLESFIELD CANAL

Length	Beam	Draught	Headroom
21.95m	2.13m		2.49m
72ft	*7ft*		*8ft 2ins*

MONMOUTHSHIRE & BRECON CANAL

Length	Beam	Draught	Headroom
19.82m	2.80m		1.8m
65ft	*9ft 2ins*		*5ft 11ins*

Note: Ashford Tunnel limits cabin profile, eg 1.7m (*5ft 7ins*) height at 2.1m (*6ft 10ins*) width. Contact Waterway Office for further detail.

MONTGOMERY CANAL

Length	Beam	Draught	Headroom
21.95m	2.13m		1.83m
72ft	*7ft*		*6ft*

RIVER OUSE (Yorkshire)

Goole to tail of Naburn Locks

Length	Beam	Draught	Headroom
40.8m	7.47m	Tidal	18.25m
134ft	*24ft 6ins*		*59ft 11ins*

Naburn Locks to Scarborough Bridge

Length	Beam	Draught	Headroom
40.85m	7.46m	2.44m	6.55m
134ft	*24ft 6ins*	*8ft*	*21ft 6ins*

Scarborough Bridge to Swale Nab

Length	Beam	Draught	Headroom
17.5m	4.66m		5.94m
57ft 6ins	*15ft 3ins*		*19ft 6ins*

OXFORD CANAL

Length	Beam	Draught	Headroom
21.95m	2.13m		2.07m
72ft	*7ft*		*6ft 9ins*

Note: Occasionally craft of 2.13m (*7ft*) beam may experience difficulty in Marston Doles Top, Claydon Middle and Shut Bridge Locks. These problems are being rectified as time and finance permit.

PEAK FOREST CANAL

Length	Beam	Draught	Headroom
21.95m	2.13m		2.20m
72ft	*7ft*		*7ft 2ins*

POCKLINGTON CANAL

Length	Beam	Draught	Headroom
17.3m	4.27m	1.14m	2.44m
56ft 9ins	*14ft*	*3ft 9ins*	*8ft*

RIBBLE MILLENNIUM LINK

Length m *ft*	Beam m *ft*	Draught	Headroom

RIPON CANAL

Length	Beam	Draught	Headroom
17.37m	57m	1.07m	2.59m
57ft	*14ft 3ins*	*3ft 6ins*	*8ft 6ins*

ROCHDALE CANAL

Length	Beam	Draught	Headroom
21.95m	4.27m	1.19m	2.28m
72ft	*13ft 6ins*	*3ft 11ins*	*7ft 6ins*

Note: Some locks have proved to be narrower than 14ft and the worst ones are scheduled to be rectified in the short term. Local staff will advise which locks cannot accommodate two narrowboats.

RIVER SEVERN

Gloucester to Worcester

Length	Beam	Draught	Headroom
41.15m	6.4m	1.83m	7.5m
135ft	*21ft*	*6ft*	*24ft 6ins*

Note: Draft can be less than (5ft) in periods of low rainfall during the summer.

Worcester to Stourport

Length	Beam	Draught	Headroom
27.43m	5.79m	1.83m	6.1m
90ft	*19ft*	*6ft*	*20ft*

Note: Draft can be less than (5ft) in periods of low rainfall during the summer.

SHEFFIELD & SOUTH YORKSHIRE NAVIGATION

Bramwith to Rotherham Turning Basin plus New Junction Canal

Length	Beam	Draught	Headroom
70.1m	6.1m	2.5m	3.3m
230ft	*20ft*	*8ft 2ins*	*10ft 10ins*

Rotherham to Sheffield

Length	Beam	Draught	Headroom
17.2 (18.74m)	4.72m	1.37m	3.05m
56ft 5ins (61ft 6ins)	*15ft 6ins*	*4ft 6in*	*10ft*

Note 1: Locks from Rotherham to tail of Tinsley flight are longer and will pass narrow boats up to about 70ft.

Note 2: The cill and channel depth from Tinsley Bottom Lock to Sheffield Basin is only 4ft 6ins, maximum draft 4ft.

Stainforth & Keadby Canal

Length	Beam	Draught	Headroom
m	5.2m	1.83m	3.3m
56ft 3ins	*17ft*	*6ft*	*10ft 10ins*

Note 1: Through passage is limited by Thorne Lock. For the Bramwith to Thorne section, dimensions are as for the main line to Rotherham. Passage from the River Trent to Thorne is limited by Keadby Lock (23.67m x 6.86m – *77ft 8ins x 22ft 6ins*) although longer craft can be admitted when the tide makes a level.

Note 2: Narrowboats up to about (*61ft 8ins*) can pass through Keadby lock diagonally.

SHROPSHIRE UNION CANAL

From Manchester Ship Canal into Ellesmere Port Basins

Length	Beam	Draught	Headroom
21.95m (22.91m)	4.27m (4.42m)		
72ft (75ft 2ins)	*14ft (14ft 3ins)*		

Note: Unlimited headroom to lower basin. There is also a larger ship lock (which is not the responsibility of British Waterways) giving access from the Ship Canal to the lower basin.

Ellesmere Port to Nantwich

Length	Beam	Draught	Headroom
21.95m (22.91)	2.95m		2.44m
72ft (75ft 2ins)	*9ft 8ins*		*8ft*

Note 1: Broad boats up to about 4.1m (*13ft 6ins*) beam can access this section via the River Dee Branch but cannot pass through the M53 crossing into Ellesmere Port.

Note 2: All locks except Beeston Iron are at least 4.27m (*14ft*) wide. Beeston Iron Lock is distorted and two narrowboats can only share this lock provided they keep well back from the bottom gates.

Nantwich to Autherley Junction

Length	Beam	Draught	Headroom
21.95m	2.13m		2.44m
72ft	*7ft*		*8ft*

River Dee Branch

Length	Beam	Draught	Headroom
19.96m	4.34m		2.44m
65ft 6ins	*14ft 3ins*		*8ft*

Middlewich Branch

Length	Beam	Draught	Headroom
21.95m	2.13m		2.44m
72ft	*7ft*		*8ft*

Llangollen Branch

Length	Beam	Draught	Headroom
21.95m	2.08m		2.13m
72ft	*6ft 10ins*		*7ft*

Note: Many boats up to 2.13m (*7ft*) beam are able to navigate this canal, but several of the locks are very tight at this beam.

STAFFORDSHIRE & WORCESTERSHIRE CANAL

River Severn into Stourport Basins only

Length	Beam	Draught	Headroom
22.86m	4.57m		
75ft	*15ft*		

Stourport to Great Haywood

Length	Beam	Draught	Headroom
21.95m	2.13m		1.82m
72ft	*7ft*		*6ft*

RIVER STORT

Length	Beam	Draught	Headroom
25.9m	3.96m		2.05m
85ft	*13ft*		*6ft 9ins*

STOURBRIDGE CANAL (including Stourbridge Branch)

Length	Beam	Draught	Headroom
21.34m (21.79m)	2.13m		1.83m
70ft (71ft 6ins)	*7ft*		*6ft*

Note: Occasionally craft of 2.13m (*7ft*) beam may experience difficulty in these locks.

STRATFORD-UPON-AVON CANAL

River Avon into Stratford Basin

Length	Beam	Draught	Headroom
21.34m	4.57m		
70ft	*15ft*		

Note: Narrowboats up to 21.79m (*71ft 6ins*) can pass through this lock with care, but may not be able to share with other boats.

Stratford Basin to Lapworth

Length	Beam	Draught	Headroom
21.34m (21.79m)	2.08m (2.13m)		1.83m
70ft (71ft 6ins)	*6ft 10ins (7ft)*		*6ft*

Note: Boats of 2.13m (*7ft*) beam may encounter difficulties in Locks 44 & 50. Also lock 47 is short and care is required by boats over 21.34m (*70ft*) length.

Lapworth to Kings Norton (including Kingswood Branch)

Length	Beam	Draught	Headroom
21.95m	2.13m		2.1m
72ft	*7ft*		*7ft 3ins*

Note: Lock 16 is tight for boats over 21.34m (*70ft*) and care is required in this lock.

TEES NAVIGATION

Length	Beam	Draught	Headroom
22m	6m	3.15m	5.5m
72ft	*19ft 6ins*	*10ft 4ins*	*18ft*

TRENT NAVIGATION (including Beeston Cut & Nottingham Canal)

Shardlow to tail of Meadow Lane Lock, Nottingham

Length	Beam	Draught	Headroom
21.95m (24.89m)	4.27m (4.42m)		2.44m
72ft (81ft)	*14ft (14ft 6ins)*		*8ft*

Nottingham to tail of Cromwell Lock

Length	Beam	Draught	Headroom
44.2m	5.49m	1.83m	6.7m
145ft	*18ft*	*6ft*	*12ft*

Note: Larger craft may be accommodated; for further advice contact the Waterway Office. The limiting factors are the bend above Newark Nether lock and Newark Town Bridge, not the lock chambers.

Tail of Cromwell Lock to Gainsborough

Length	Beam	Draught	Headroom
56.40m	5.80m	1.70m	6.70m
185ft	*19ft*	*5ft 6in*	*22ft*

Note: Larger craft may be accommodated, depending on tidal conditions; for further advice contact the Waterway Office.

TRENT & MERSEY CANAL

Preston Brook to Horninglow Basin, Burton-upon-Trent

Length	Beam	Draught	Headroom
21.95m	2.13m		1.78m
72ft	*7ft*		*5ft 10ins*

Note 1: Craft up to 2.90m (*9ft 6ins*) can access the Preston Brook to Croxton Aqueduct section from the Bridgewater Canal, but note that the tunnels will need extreme care at this beam.

Note 2: Craft up to 3.81m (*12ft 6ins*) beam can access the Anderton to Croxton Aqueduct section via Anderton Lift, but considerable care is needed as the channel is narrow in places.

Horninglow Basin, Burton-upon-Trent to Shardlow

Length	Beam	Draught	Headroom
21.95m	4.27m		2.13m
72ft	*14ft*		*7ft*

Note: Stenson Lock is very tight to 4.27m (*14ft*) beam, and Weston Lock is tight for 21.95m (*72ft*) length.

Shardlow to Derwent Mouth

Length	Beam	Draught	Headroom
21.95m (24.89m)	4.27m (4.42m)		2.13m
72ft (81ft)	*14ft (14ft 6ins)*		*7ft*

Caldon Branch (including Leek Branch)

Length	Beam	Draught	Headroom
21.95m	2.13m		2.05m
72ft	*7ft*		*6ft 8ins*

Note: Headroom through Froghall Tunnel considerably restricted. Contact Waterway Office for further information.

RIVER URE

Length	Beam	Draught	Headroom
17.9m	4.57m		3.05m
57ft 6ins	*15ft*		*10ft*

WEAVER NAVIGATION

Weston Point Dock to Weston Marsh Lock

Length	Beam	Draught	Headroom
65m	11m	3.2m	unlimited
213ft	*36ft*	*10ft 6ins*	

Weston Marsh Lock to Anderton

Length	Beam	Draught	Headroom
65m	11.5m	3.2m	18m
213ft	*37ft 6ins*	*10ft 6ins*	*59ft*

Anderton to Winsford

Length	Beam	Draught	Headroom
60m	10.7m	2.9m	9m
196ft	*35ft*	*9ft 6ins*	*29ft 6ins*

Note: Due to the winding nature of the river, craft of the maximum size may not be able to reach Winsford. It is therefore not recommended that craft longer than 47.5m should proceed above Vale Royal locks.

Anderton Lift Branch

Length	Beam	Draught	Headroom
21.95m	4.36m	1.4m	2.48m
72ft	*14ft 4ins*	*4ft 7ins*	*8ft 2ins*

RIVER WITHAM NAVIGATION

Length	Beam	Draught	Headroom
22.86m	4.65m	1.52m	2.79m
75ft	*15ft 3ins*	*5ft*	*9ft 2ins*

Note 1: Passage of craft over 21.95m (*72ft*) through Stamp End Lock is limited to 0.76m (*2ft 6ins*) draught by the depth of the top cill.

Note 2: Boston Grand Sluice is limited to 17.98m (*59ft*) but longer craft can pass through when the tide makes a level.

WORCESTER & BIRMINGHAM CANAL

River Severn into Diglis Basin only

Length	Beam	Draught	Headroom
21.95m (22.86m)	5.64m		
72ft (75ft)	*18ft 6ins*		

Diglis Basin to Birmingham

Length	Beam	Draught	Headroom
21.95m	2.13m		2.43m
72ft	*7ft*		*8ft*